

Patent Claims

1. Method for transmitting information by means of
data packets, the data packets being forwarded
from a transmitter via routers to a receiver and a
header of the data packet containing information
for the forwarding of the data packet,
characterized in that the information in the
header is changed during the transportation of the
data packet.

2. Method according to Claim 1, characterized in that
the header contains information on the entire
transport path to be travelled when the packet is
sent off and that this information is replaced by
information on the originator during the
transportation of the data packets.

3. Method according to Claim 2, characterized in that
the data information reproducing the destination
is replaced step by step by the originator
information.

4. Method according to one or more of the preceding
claims, characterized in that the data packets are
changed in the area of interfaces.

5. Method according to one or more of the preceding
claims, characterized in that the data are
transmitted in a network which is operated in
accordance with an Internet protocol.

6. Method according to one or more of the preceding
claims, characterized in that the data packets
contain the following information components:
[length][number of hops][current hop][protocol]-
[hops]*[data]*.

7. Network containing routers for transmitting information in data packets, characterized in that it contains at least one means which changes the information in the header during the transportation of the data packet.

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